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MANUFACTURING PROCESS PROCEDURE

FOR

EC135 CABLE CUTTERS KIT

CONFIGURATION MANAGEMENT

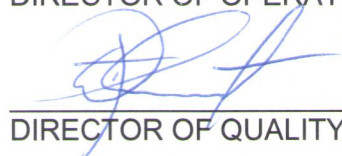
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EC-135 CCK Configuration Management

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1.0 PURPOSE

The purpose of this document is to define the configurations associated with the EC135 Cable Cutters Kits and associate these configurations with the several EC135 model variants. The top assembly is defined on drawing 647.7300, EC135 Cable Cutters Kit. This Manufacturing Process Procedure (MPP) will define the sub-assemblies as well as the sub-sub-assemblies for each configuration. This is the minimum partitioning that coincides with customer requests in the aftermarket business.

2.0 SCOPE

This document works in parallel with the assembly drawing 647.7300 Revision C. As new EC135 variants are created, both documents will be updated. The drawing 647.7300 will reflect the top assembly only and this MPP will define all of the separate assemblies. This MPP will be called out on the drawing 647.7300.

3.0 CONFIGURATION STRATEGY

The configuration strategy for the EC135 Cable Cutters Kit is based on two configuration options: the "Sub Assembly" method, and the "Fixed/Removable" method. First, there is a top assembly that includes all of the sub-assemblies (Upper Cutter, Lower Cutter, Wiper Deflector, and Skid Deflector Assemblies). Each sub-assembly is further divided into sub-sub-assemblies for Fixed Provisions and Removable Provisions. Figure 1 displays this strategy for the EC135 model T1/P1 variants. Figure 3 displays the configurations for the T2/P2 variants, and Figure 5 displays the configurations for the T3/P3 variants.

The second configuration option is the legacy method for sub-dividing the Cables Cutters Kits into a top assembly, a fixed provisions kit for the top assembly, and a removable provisions kit for the top assembly. Figure 2 displays this configuration for the EC135 model T1/P1 variants, Figure 4 displays this configuration for the EC135 T2/P2 variants, and Figure 6 displays the configurations for the T3/P3 variants.



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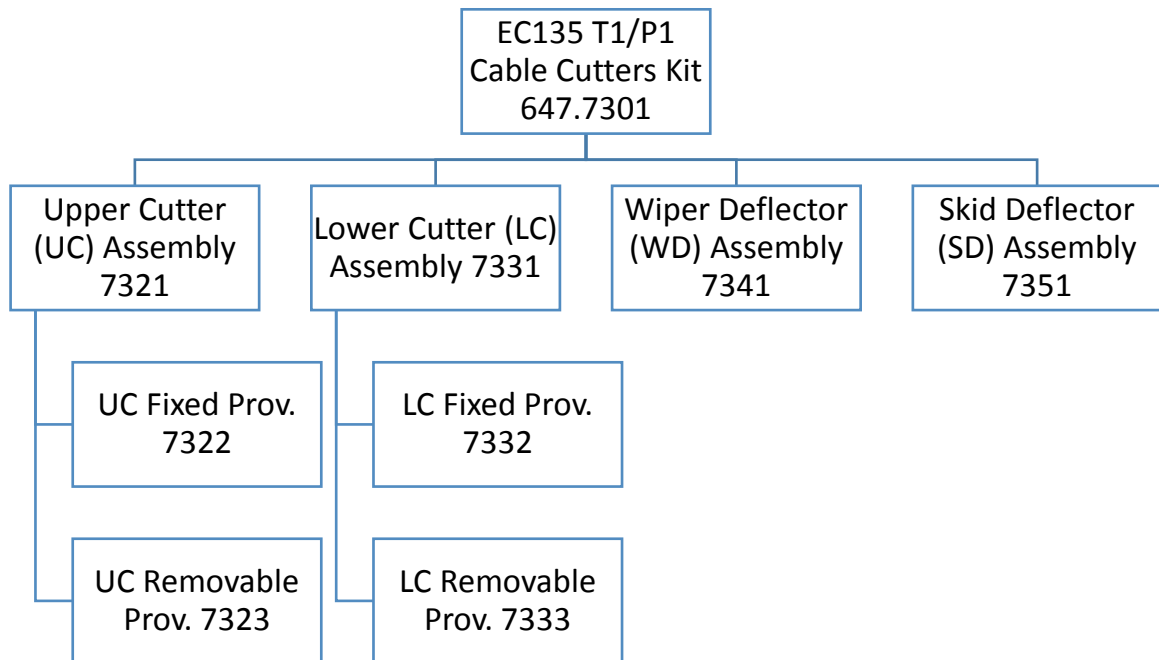


Figure 1: EC135 T1/P1 Cable Cutters Kit Configuration, Sub Assembly Method

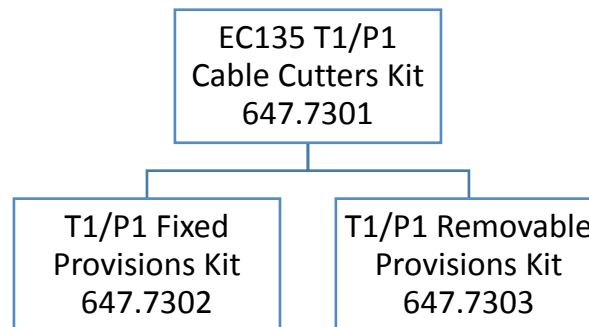


Figure 2: EC135 T1/P1 Cable Cutters Kit Configuration, Fixed/Removable Method



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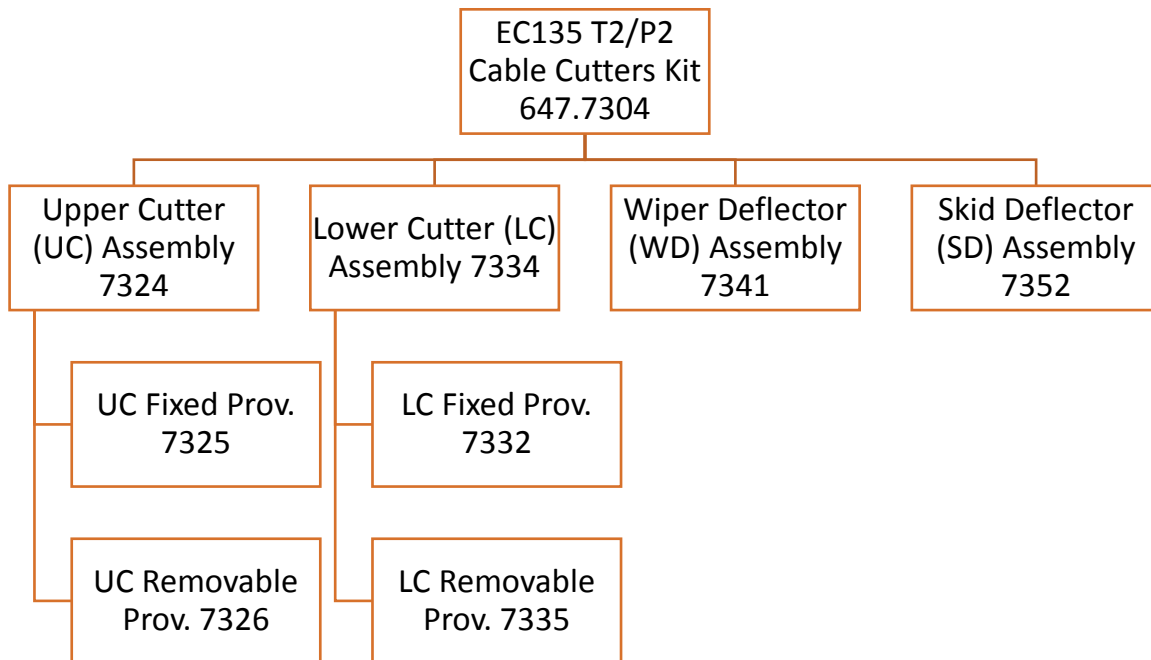


Figure 3: EC135 T2/P2 Cable Cutters Kit Configuration

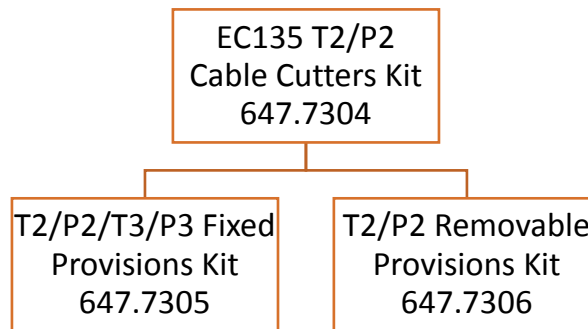


Figure 4: EC135 T2/P2 Cable Cutters Kit Configuration, Fixed/Removable Method



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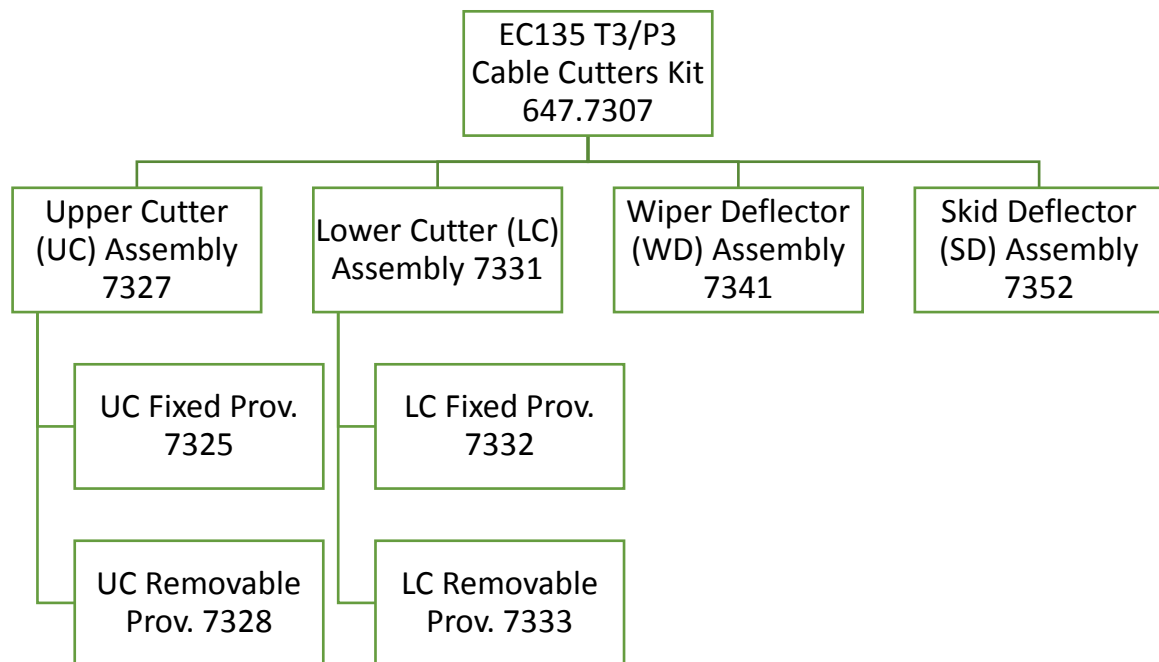


Figure 5: EC135 T3/P3 Cable Cutters Kit Configuration

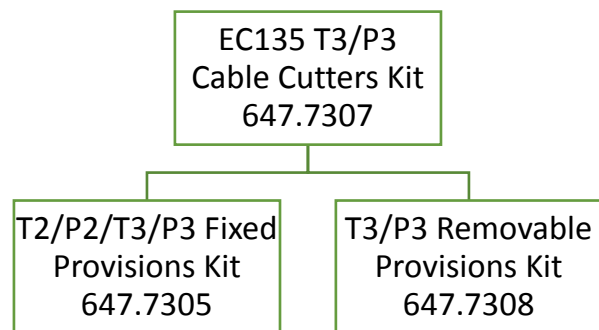


Figure 6: EC135 T3/P3 Cable Cutters Kit Configuration, Fixed/Removable Method

Table 1 summarizes each of the configurations associated with the 647.7300 drawing. The column “Callout Location” defines the location of the formal configuration definition. Note that the Lower Cutter Assembly (fixed and removable) is common to each variant of the EC135. The Wiper Deflector Assembly (fixed and removable) and the Skid Deflector Assembly (fixed and removable) are common among the T2, P2, T3, P3 variants.



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Table 1: EC135 Configuration Table

Kit Part Number	Description	Top Assembly	Notes	Callout Location
647.7301	T1/P1 Kit Assembly	647.7301	T1/P1 Top Assembly	647.7300 Drawing
647.7302	T1/P1 Fixed Provisions Kit	647.7301	T1/P1 Fixed Provisions Kit	MPP-195
647.7303	T1/P1 Removable Provisions Kit	647.7301	T1/P1 Removable Provisions Kit	MPP-195
647.7304	T2/P2 Kit Assembly	647.7304	T2/P2 Top Assembly	647.7300 Drawing
647.7305	T2/P2 Fixed Provisions Kit	647.7304	T2/P2 Fixed Provisions Kit	MPP-195
647.7306	T2/P2 Removable Provisions Kit	647.7304	T2/P2 Removable Provisions Kit	MPP-195
647.7307	T3/P3 Kit Assembly	647.7307	T3/P3 Top Assembly	647.7300 Drawing
647.7308	T3/P3 Removable Provisions Kit	647.7307	T3/P3 Removable Provisions Kit	MPP-195
647.7321	T1/P1 Upper Cutter (UC) Assembly	647.7301	UC Assembly exclusively used on the T1/P1 variants, includes fixed and removable provisions	MPP-195
647.7322	T1/P1 UC Fixed Provisions Kit	647.7301	Fixed Provisions for UC Assembly exclusively used on the T1/P1 variants	MPP-195
647.7323	T1/P1 UC Removable Provisions Kit	647.7301	Removable Provisions for UC Assembly exclusively used on the T1/P1 variants	MPP-195



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Kit Part Number	Description	Top Assembly	Notes	Callout Location
647.7324	T2/P2 UC Assembly	647.7304	UC Assembly exclusively used on the T2/P2 variants, includes fixed and removable provisions	MPP-195
647.7325	T2/P2/T3/P3 UC Fixed Provisions Kit	647.7304	Fixed Provisions for UC Assembly exclusively used on the T2/P2 variants	MPP-195
647.7326	T2/P2 UC Removable Provisions Kit	647.7304	Removable Provisions for UC Assembly exclusively used on the T2/P2 variants	MPP-195
647.7327	T3/P3 UC Assembly	647.7307	UC Assembly exclusively used on the T3/P3 variants, includes fixed and removable provisions	MPP-195
647.7328	T3/P3 UC Removable Provisions Kit	647.7307	Removable Provisions for UC Assembly exclusively used on the T3/P3 variants	MPP-195
647.7331	T1/P1 Lower Cutter (LC) Assembly	647.7301	LC Assembly used across variants T1/P1, includes fixed and removable provisions	MPP-195
647.7332	Universal LC Fixed Provisions Kit	647.7301, 647.7304, 647.7307	Fixed Provisions for LC Assembly used universally across all variants	MPP-195
647.7333	T1/P1 LC Removable Provisions Kit	647.7301	Removable Provisions for LC Assembly used across variants T1/P1	MPP-195
647.7334	T2/P2/T3/P3 LC Assembly	647.7304, 647.7307	LC Assembly used across variants T2/P2/T3/P3, includes fixed and removable provisions	MPP-195
647.7335	T2/P2/T3/P3 LC Removable Provisions Kit	647.7304, 647.7307	Removable Provisions for LC Assembly used across variants T2/P2/T3/P3	MPP-195
647.7341	Universal Wiper Deflector (WD) Assembly	647.7301, 647.7304, 647.7307	WD Assembly used universally across all variants (T1/P1/T2/P2/T3/P3), the subdivision for fixed and removable provisions does not apply	MPP-195



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Kit Part Number	Description	Top Assembly	Notes	Callout Location
647.7351	T1/P1 Skid Deflector (SD) Assembly	647.7301	SD Assembly used exclusively on the T1/P1 variants, the subdivision for fixed and removable provisions does not apply	MPP-195
647.7352	T2/P2/T3/P3 SD Assembly	647.7304, 647.7307	SD Assembly used exclusively on the T2/P2/T3/P3 variants, the subdivision for fixed and removable provisions does not apply	MPP-195



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4.0 BILLS OF MATERIAL, SUB-ASSEMBLY METHOD

The drawing 647.7300 shows the top assembly bills of material for each major configuration (647.7301, 647.7304, and 647.7307). The following tables separate the top assemblies into the sub-assemblies and sub-sub-assemblies as described above. The find numbers coincide with the drawing callouts. Material and Specification callouts can be found on the drawing.

Table 2: T1/P1 Upper Cutter (UC) Assembly, 647.7321

FIND #	PART #	DESCRIPTION	QTY
1	647.7401	UPPER CUTTER ASSY	1
11	647.7701	STRUT ASSY	2
14	647.0112	STRUT BRACKET	2
16	647.7911	BRACKET	2
19	647.7914	BRACKET	1
20	647.7915	BRACKET	1
21	647.7916	BRACKET	2
22	647.7917	BRACKET	1
23	647.7918	BRACKET	1
24	647.7819	CROSS BRACKET FWD	1
25	647.7820	CROSS BRACKET AFT	1
26	647.7818	MOUNTING CHANNEL	1
27	647.7821	EYE BOLT FITTING LH	1
28	647.7822	EYE BOLT FITTING RH	1
39	601.3120	EYE BOLT	2
40	601.3119	CLEVIS	2
46	601.2826	BOLT	2
48	601.2669	BOLT	2
52	601.2973	LOCKNUT	4
53	601.2943	LOCKNUT	29
54	601.3209	LOCKNUT	2
55	601.3128	NUT	2
56	647.8510	INSERT	14
58	647.8512	INSERT	2
59	601.3127	LOCKNUT	2
61	601.2988	SCREW	2
62	601.3137	SCREW	2
64	601.3069	SCREW	12
66	601.1953	SCREW	2
68	601.3012	SCREW	1



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FIND #	PART #	DESCRIPTION	QTY
69	601.2637	SCREW	4
70	601.1954	SCREW	2
71	601.2829	SCREW	6
80	601.2020	CHERRY RIVET	16
81	601.2481	CHERRY RIVET	12
82	601.3216	CHERRY RIVET	8
83	601.3215	CHERRY RIVET	8
84	601.3136	CHERRY RIVET	2
85	601.2764	WASHER	8
86	601.1607	WASHER	60
87	601.3663	WASHER	4
88	601.3126	WASHER	2
90	600.1012	SEALANT	A/R
91	601.2045	RTV	A/R
92	600.0991	MAGNOBOND 6398 PART B	A/R
93	600.0990	MAGNOBOND 6398 PART A	A/R
94	647.7919	SHIM	1
96	647.5701	GPS MOUNT KIT	1
104	601.3214	CHERRY RIVET	8



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Table 3: T1/P1 UC Fixed Provisions Kit, 647.7322

FIND #	PART #	DESCRIPTION	QTY
16	647.7911	BRACKET	2
19	647.7914	BRACKET	1
20	647.7915	BRACKET	1
21	647.7916	BRACKET	2
22	647.7917	BRACKET	1
23	647.7918	BRACKET	1
24	647.7819	CROSS BRACKET FWD	1
25	647.7820	CROSS BRACKET AFT	1
26	647.7818	MOUNTING CHANNEL	1
27	647.7821	EYE BOLT FITTING LH	1
28	647.7822	EYE BOLT FITTING RH	1
53	601.2943	LOCKNUT	29
56	647.8510	INSERT	14
58	647.8512	INSERT	2
59	601.3127	LOCKNUT	2
64	601.3069	SCREW	12
66	601.1953	SCREW	2
68	601.3012	SCREW	1
69	601.2637	SCREW	4
70	601.1954	SCREW	2
71	601.2829	SCREW	6
80	601.2020	CHERRY RIVET	16
81	601.2481	CHERRY RIVET	12
82	601.3216	CHERRY RIVET	8
83	601.3215	CHERRY RIVET	8
84	601.3136	CHERRY RIVET	2
86	601.1607	WASHER	60
90	600.1012	SEALANT	A/R
92	600.0991	MAGNOBOND 6398 PART B	A/R
93	600.0990	MAGNOBOND 6398 PART A	A/R
94	647.7919	SHIM	1
104	601.3214	CHERRY RIVET	8



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Table 4: T1/P1 UC Removable Provisions Kit, 647.7323

FIND #	PART #	DESCRIPTION	QTY
1	647.7401	UPPER CUTTER ASSY	1
11	647.7701	STRUT ASSY	2
14	647.0112	STRUT BRACKET	2
39	601.3120	EYE BOLT	2
40	601.3119	CLEVIS	2
46	601.2826	BOLT	2
48	601.2669	BOLT	2
52	601.2973	LOCKNUT	4
54	601.3209	LOCKNUT	2
55	601.3128	NUT	2
61	601.2988	SCREW	2
62	601.3137	SCREW	2
85	601.2764	WASHER	8
87	601.3663	WASHER	4
88	601.3126	WASHER	2
91	601.2045	RTV	A/R
96	647.5701	GPS MOUNT KIT	1



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Table 5: T2/P2 UC Assembly, 647.7324

FIND #	PART #	DESCRIPTION	QTY
11	647.7701	STRUT ASSY	2
14	647.0112	STRUT BRACKET	2
16	647.7911	BRACKET	2
19	647.7914	BRACKET	1
20	647.7915	BRACKET	1
21	647.7916	BRACKET	2
22	647.7917	BRACKET	1
23	647.7918	BRACKET	1
24	647.7819	CROSS BRACKET FWD	1
27	647.7821	EYE BOLT FITTING LH	1
28	647.7822	EYE BOLT FITTING RH	1
39	601.3120	EYE BOLT	2
40	601.3119	CLEVIS	2
46	601.2826	BOLT	2
48	601.2669	BOLT	2
52	601.2973	LOCKNUT	2
53	601.2943	LOCKNUT	30
54	601.3209	LOCKNUT	2
55	601.3128	NUT	2
56	647.8510	INSERT	16
58	647.8512	INSERT	2
59	601.3127	LOCKNUT	2
61	601.2988	SCREW	2
64	601.3069	SCREW	12
66	601.1953	SCREW	2
68	601.3012	SCREW	1
69	601.2637	SCREW	4
70	601.1954	SCREW	2
71	601.2829	SCREW	5
80	601.2020	CHERRY RIVET	16
81	601.2481	CHERRY RIVET	12
82	601.3216	CHERRY RIVET	8
83	601.3215	CHERRY RIVET	8
84	601.3136	CHERRY RIVET	2
85	601.2764	WASHER	19
86	601.1607	WASHER	63
87	601.3663	WASHER	4



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FIND #	PART #	DESCRIPTION	QTY
88	601.3126	WASHER	2
90	600.1012	SEALANT	A/R
91	601.2045	RTV	A/R
92	600.0991	MAGNOBOND 6398 PART B	A/R
93	600.0990	MAGNOBOND 6398 PART A	A/R
96	647.5701	GPS MOUNT KIT	1
97	647.7823	CROSS BRACKET AFT	1
98	647.2114	UPPER U CHANNEL	1
99	647.1404	CUTTER ASSY (UPPER)	1
100	601.2765	SCREW	5
101	601.1541	LOCKNUT	5
104	601.3214	CHERRY RIVET	8
109	601.2910	SCREW	2



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Table 6: T2/P2/T3/P3 UC Fixed Provisions Kit, 647.7325

FIND #	PART #	DESCRIPTION	QTY
16	647.7911	BRACKET	2
19	647.7914	BRACKET	1
20	647.7915	BRACKET	1
21	647.7916	BRACKET	2
22	647.7917	BRACKET	1
23	647.7918	BRACKET	1
24	647.7819	CROSS BRACKET FWD	1
27	647.7821	EYE BOLT FITTING LH	1
28	647.7822	EYE BOLT FITTING RH	1
53	601.2943	LOCKNUT	30
56	647.8510	INSERT	16
58	647.8512	INSERT	2
59	601.3127	LOCKNUT	2
64	601.3069	SCREW	12
66	601.1953	SCREW	2
68	601.3012	SCREW	1
69	601.2637	SCREW	4
70	601.1954	SCREW	2
71	601.2829	SCREW	5
80	601.2020	CHERRY RIVET	16
81	601.2481	CHERRY RIVET	12
82	601.3216	CHERRY RIVET	8
83	601.3215	CHERRY RIVET	8
84	601.3136	CHERRY RIVET	2
86	601.1607	WASHER	63
90	600.1012	SEALANT	A/R
92	600.0991	MAGNOBOND 6398 PART B	A/R
93	600.0990	MAGNOBOND 6398 PART A	A/R
97	647.7823	CROSS BRACKET AFT	1
98	647.2114	UPPER U CHANNEL	1
104	601.3214	CHERRY RIVET	8
109	601.2910	SCREW	2



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Table 7: T2/P2 UC Removable Provisions Kit, 647.7326

FIND #	PART #	DESCRIPTION	QTY
11	647.7701	STRUT ASSY	2
14	647.0112	STRUT BRACKET	2
39	601.3120	EYE BOLT	2
40	601.3119	CLEVIS	2
46	601.2826	BOLT	2
48	601.2669	BOLT	2
52	601.2973	LOCKNUT	2
54	601.3209	LOCKNUT	2
55	601.3128	NUT	2
61	601.2988	SCREW	2
85	601.2764	WASHER	19
87	601.3663	WASHER	4
88	601.3126	WASHER	2
91	601.2045	RTV	A/R
96	647.5701	GPS MOUNT KIT	1
99	647.1404	CUTTER ASSY (UPPER)	1
100	601.2765	SCREW	5
101	601.1541	LOCKNUT	5



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Table 8: T3/P3 UC Assembly, 647.7327

FIND #	PART #	DESCRIPTION	QTY
11	647.7701	STRUT ASSY	2
14	647.0112	STRUT BRACKET	2
16	647.7911	BRACKET	2
19	647.7914	BRACKET	1
20	647.7915	BRACKET	1
21	647.7916	BRACKET	2
22	647.7917	BRACKET	1
23	647.7918	BRACKET	1
24	647.7819	CROSS BRACKET FWD	1
27	647.7821	EYE BOLT FITTING LH	1
28	647.7822	EYE BOLT FITTING RH	1
39	601.3120	EYE BOLT	2
40	601.3119	CLEVIS	2
46	601.2826	BOLT	2
48	601.2669	BOLT	2
52	601.2973	LOCKNUT	2
53	601.2943	LOCKNUT	30
54	601.3209	LOCKNUT	2
55	601.3128	NUT	2
56	647.8510	INSERT	16
58	647.8512	INSERT	2
59	601.3127	LOCKNUT	2
61	601.2988	SCREW	2
64	601.3069	SCREW	12
66	601.1953	SCREW	2
68	601.3012	SCREW	1
69	601.2637	SCREW	4
70	601.1954	SCREW	2
71	601.2829	SCREW	5
80	601.2020	CHERRY RIVET	16
81	601.2481	CHERRY RIVET	12
82	601.3216	CHERRY RIVET	8
83	601.3215	CHERRY RIVET	8
84	601.3136	CHERRY RIVET	2
85	601.2764	WASHER	19
86	601.1607	WASHER	63
87	601.3663	WASHER	4



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FIND #	PART #	DESCRIPTION	QTY
88	601.3126	WASHER	2
90	600.1012	SEALANT	A/R
91	601.2045	RTV	A/R
92	600.0991	MAGNOBOND 6398 PART B	A/R
93	600.0990	MAGNOBOND 6398 PART A	A/R
96	647.5701	GPS MOUNT KIT	1
97	647.7823	CROSS BRACKET AFT	1
98	647.2114	UPPER U CHANNEL	1
100	601.2765	SCREW	5
101	601.1541	LOCKNUT	5
104	601.3214	CHERRY RIVET	8
109	601.2910	SCREW	2
111	647.1405	CUTTER ASSY (UPPER)	1



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Table 9: T3/P3 UC Removable Provisions Kit, 647.7328

FIND #	PART #	DESCRIPTION	QTY
11	647.7701	STRUT ASSY	2
14	647.0112	STRUT BRACKET	2
39	601.3120	EYE BOLT	2
40	601.3119	CLEVIS	2
46	601.2826	BOLT	2
48	601.2669	BOLT	2
52	601.2973	LOCKNUT	2
54	601.3209	LOCKNUT	2
55	601.3128	NUT	2
61	601.2988	SCREW	2
85	601.2764	WASHER	19
87	601.3663	WASHER	4
88	601.3126	WASHER	2
91	601.2045	RTV	A/R
96	647.5701	GPS MOUNT KIT	1
100	601.2765	SCREW	5
101	601.1541	LOCKNUT	5
111	647.1405	CUTTER ASSY (UPPER)	1



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Table 10: T1/P1 Lower Cutter (LC) Assembly, 647.7331

FIND #	PART #	DESCRIPTION	QTY
2	647.7501	LOWER CUTTER ASSY	1
6	647.1913	TEE	1
7	647.1915	SUPPORT ANGLE	1
8	647.1814	GUSSET, LH	1
9	647.1815	GUSSET, RH	1
10	647.7702	STRUT ASSY	2
12	647.1818	NOSE DOOR SPACER	1
13	647.1810	NOSE DOOR DOUBLER	1
14	647.0112	STRUT BRACKET	2
15	647.7910	ANGLE BACKET	2
17	647.7912	CLIP	4
18	647.7913	DOUBLER	2
31	647.1811	SPACER	2
32	647.1812	SHIM	13
36	601.3011	P-SEAL	A/R
37	601.3007	GROMMET	1
38	601.3121	EYE BOLT	2
40	601.3119	CLEVIS	2
41	601.3006	CAMLOC RECEPTACLE	2
42	601.3005	CAMLOC RETAINER	2
43	601.3004	CAMLOC STUD	2
44	600.0795	NUTPLATE	12
45	601.2823	BOLT	2
46	601.2826	BOLT	2
48	601.2669	BOLT	2
49	601.1500	BOLT	4
50	601.3130	BOLT	4
52	601.2973	LOCKNUT	2
53	601.2943	LOCKNUT	2
54	601.3209	LOCKNUT	2
55	601.3128	NUT	2
56	647.8510	INSERT	4
57	647.8511	INSERT	4
59	601.3127	LOCKNUT	2
61	601.2988	SCREW	2
65	601.1365	SCREW	6
73	601.2207	NUTPLATE RIVET	24



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FIND #	PART #	DESCRIPTION	QTY
74	601.1983	NUTPLATE RIVET	4
75	601.1604	CHERRY RIVET	4
76	601.0790	CHERRY RIVET	24
77	601.1915	CHERRY RIVET	16
78	601.1183	CHERRY RIVET	8
79	601.2991	CHERRY RIVET	17
85	601.2764	WASHER	4
86	601.1607	WASHER	16
87	601.3663	WASHER	8
88	601.3126	WASHER	2
102	601.3212	CHERRY RIVET	4
103	601.3213	CHERRY RIVET	24
108	601.3963	BOLT	4



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Table 11: Universal LC Fixed Provisions Kit, 647.7332

FIND #	PART #	DESCRIPTION	QTY
6	647.1913	TEE	1
7	647.1915	SUPPORT ANGLE	1
8	647.1814	GUSSET, LH	1
9	647.1815	GUSSET, RH	1
12	647.1818	NOSE DOOR SPACER	1
13	647.1810	NOSE DOOR DOUBLER	1
15	647.7910	ANGLE BACKET	2
17	647.7912	CLIP	4
18	647.7913	DOUBLER	2
31	647.1811	SPACER	2
32	647.1812	SHIM	13
36	601.3011	P-SEAL	A/R
37	601.3007	GROMMET	1
41	601.3006	CAMLOC RECEPTACLE	2
42	601.3005	CAMLOC RETAINER	2
43	601.3004	CAMLOC STUD	2
44	600.0795	NUTPLATE	12
45	601.2823	BOLT	2
56	647.8510	INSERT	4
57	647.8511	INSERT	4
59	601.3127	LOCKNUT	2
65	601.1365	SCREW	6
73	601.2207	NUTPLATE RIVET	24
74	601.1983	NUTPLATE RIVET	4
75	601.1604	CHERRY RIVET	4
76	601.0790	CHERRY RIVET	24
77	601.1915	CHERRY RIVET	16
78	601.1183	CHERRY RIVET	8
79	601.2991	CHERRY RIVET	17
86	601.1607	WASHER	16
102	601.3212	CHERRY RIVET	4
103	601.3213	CHERRY RIVET	24



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Table 12: T1/P1 LC Removable Provisions Kit, 647.7333

FIND #	PART #	DESCRIPTION	QTY
2	647.7501	LOWER CUTTER ASSY	1
10	647.7702	STRUT ASSY	2
14	647.0112	STRUT BRACKET	2
38	601.3121	EYE BOLT	2
40	601.3119	CLEVIS	2
46	601.2826	BOLT	2
48	601.2669	BOLT	2
49	601.1500	BOLT	4
50	601.3130	BOLT	4
52	601.2973	LOCKNUT	2
53	601.2943	LOCKNUT	2
54	601.3209	LOCKNUT	2
55	601.3128	NUT	2
61	601.2988	SCREW	2
85	601.2764	WASHER	4
87	601.3663	WASHER	4
88	601.3126	WASHER	2



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Table 13: T2/P2/T3/P3 Lower Cutter (LC) Assembly, 647.7334

FIND #	PART #	DESCRIPTION	QTY
2	647.7501	LOWER CUTTER ASSY	1
6	647.1913	TEE	1
7	647.1915	SUPPORT ANGLE	1
8	647.1814	GUSSET, LH	1
9	647.1815	GUSSET, RH	1
10	647.7702	STRUT ASSY	2
12	647.1818	NOSE DOOR SPACER	1
13	647.1810	NOSE DOOR DOUBLER	1
14	647.0112	STRUT BRACKET	2
15	647.7910	ANGLE BACKET	2
17	647.7912	CLIP	4
18	647.7913	DOUBLER	2
31	647.1811	SPACER	2
32	647.1812	SHIM	13
36	601.3011	P-SEAL	A/R
37	601.3007	GROMMET	1
40	601.3119	CLEVIS	2
41	601.3006	CAMLOC RECEPTACLE	2
42	601.3005	CAMLOC RETAINER	2
43	601.3004	CAMLOC STUD	2
44	600.0795	NUTPLATE	12
45	601.2823	BOLT	2
46	601.2826	BOLT	2
48	601.2669	BOLT	2
49	601.1500	BOLT	4
50	601.3130	BOLT	4
52	601.2973	LOCKNUT	2
53	601.2943	LOCKNUT	2
54	601.3209	LOCKNUT	2
55	601.3128	NUT	2
56	647.8510	INSERT	4
57	647.8511	INSERT	4
59	601.3127	LOCKNUT	2
61	601.2988	SCREW	2
65	601.1365	SCREW	6
73	601.2207	NUTPLATE RIVET	24
74	601.1983	NUTPLATE RIVET	4



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FIND #	PART #	DESCRIPTION	QTY
75	601.1604	CHERRY RIVET	4
76	601.0790	CHERRY RIVET	24
77	601.1915	CHERRY RIVET	16
78	601.1183	CHERRY RIVET	8
79	601.2991	CHERRY RIVET	17
85	601.2764	WASHER	4
86	601.1607	WASHER	16
87	601.3663	WASHER	8
88	601.3126	WASHER	2
102	601.3212	CHERRY RIVET	4
103	601.3213	CHERRY RIVET	24
108	601.3963	BOLT	4
110	601.3902	EYE BOLT	2

Table 14: T2/P2/T3/P3 LC Removable Provisions Kit, 647.7335

FIND #	PART #	DESCRIPTION	QTY
2	647.7501	LOWER CUTTER ASSY	1
10	647.7702	STRUT ASSY	2
14	647.0112	STRUT BRACKET	2
40	601.3119	CLEVIS	2
46	601.2826	BOLT	2
48	601.2669	BOLT	2
49	601.1500	BOLT	4
50	601.3130	BOLT	4
52	601.2973	LOCKNUT	2
53	601.2943	LOCKNUT	2
54	601.3209	LOCKNUT	2
55	601.3128	NUT	2
61	601.2988	SCREW	2
85	601.2764	WASHER	4
87	601.3663	WASHER	4
88	601.3126	WASHER	2
110	601.3902	EYE BOLT	2



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Table 15: Universal Wiper Deflector (WD) Assembly, 647.7341

FIND #	PART #	DESCRIPTION	QTY
4	647.1601	WIPER DEFLECTOR ASSY, AFT	1
5	647.1610	WIPER DEFLECTOR, FWD	1
29	647.1914	BRACKET	1
30	647.1602	DOUBLER ASSY	1
35	647.3201	GROUNDING CABLE ASSY	1
47	601.1324	BOLT	1
52	601.2973	LOCKNUT	1
53	601.2943	LOCKNUT	3
60	601.2525	SCREW	1
63	601.2198	SCREW	3
67	601.1622	SCREW	4
72	601.2999	SCREW	3
85	601.2764	WASHER	2
86	601.1607	WASHER	10
89	601.2375	WASHER	3



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Table 16: T1/P1 Skid Deflector (SD) Assembly, 647.7351

FIND #	PART #	DESCRIPTION	QTY
3	647.1701	SKID DEFLECTOR ASSY	2
33	647.2510	SLEEVE	4
34	647.2511	NUT	4
51	601.3002	BOLT	4
54	601.3209	LOCKNUT	4
95	601.1097	WASHER	8

Table 17: T2/P2/T3/P3 SD Assembly, 647.7352

FIND #	PART #	DESCRIPTION	QTY
105	647.1702	SKID DEFLECTOR ASSY	2
106	601.3655	LOCK WASHER	8
107	601.3654	BOLT	8



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5.0 BILLS OF MATERIAL, FIXED/REMOVABLE METHOD

The drawing 647.7300 shows the top assembly bills of material for each major configuration (647.7301, 647.7304, and 647.7307). The following tables separate the top assemblies into the fixed and removable provisions kit as described above. The find numbers coincide with the drawing callouts. Material and Specification are provided as well. The major configurations are provided for clarity.

Table 18: T1/P1 Cable Cutters Kits

7303	7302	7301	FIND #	PART #	DESCRIPTION	MATERIAL	SPEC
1		1	1	647.7401	UPPER CUTTER ASSY		
1		1	2	647.7501	LOWER CUTTER ASSY		
2		2	3	647.1701	SKID DEFLECTOR ASSY		
	1	1	4	647.1601	WIPER DEFLECTOR ASSY, AFT		
	1	1	5	647.1610	WIPER DEFLECTOR, FWD		
	1	1	6	647.1913	TEE		
	1	1	7	647.1915	SUPPORT ANGLE		
	1	1	8	647.1814	GUSSET, LH		
	1	1	9	647.1815	GUSSET, RH		
2		2	10	647.7702	STRUT ASSY		
2		2	11	647.7701	STRUT ASSY		
	1	1	12	647.1818	NOSE DOOR SPACER		
	1	1	13	647.1810	NOSE DOOR DOUBLER		
4		4	14	647.0112	STRUT BRACKET		
	2	2	15	647.7910	ANGLE BACKET		
	2	2	16	647.7911	BRACKET		
	4	4	17	647.7912	CLIP		
	2	2	18	647.7913	DOUBLER		
	1	1	19	647.7914	BRACKET		
	1	1	20	647.7915	BRACKET		
	2	2	21	647.7916	BRACKET		
	1	1	22	647.7917	BRACKET		
	1	1	23	647.7918	BRACKET		
	1	1	24	647.7819	CROSS BRACKET FWD		
	1	1	25	647.7820	CROSS BRACKET AFT		
	1	1	26	647.7818	MOUNTING CHANNEL		
	1	1	27	647.7821	EYE BOLT FITTING LH		
	1	1	28	647.7822	EYE BOLT FITTING RH		



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7303	7302	7301	FIND #	PART #	DESCRIPTION	MATERIAL	SPEC
	1	1	29	647.1914	BRACKET		
	1	1	30	647.1602	DOUBLER ASSY		
	2	2	31	647.1811	SPACER		
	13	13	32	647.1812	SHIM		
	4	4	33	647.2510	SLEEVE		
2	2	4	34	647.2511	NUT		
	1	1	35	647.3201	GROUNDING CABLE ASSY		
A/R	A/R	A/R	36	601.3011	P-SEAL		
1	1	1	37	601.3007	GROMMET	MS21266-2N	
2		2	38	601.3121	EYE BOLT	AN44-5A	
2		2	39	601.3120	EYE BOLT	AN44-12A	
4		4	40	601.3119	CLEVIS		
	2	2	41	601.3006	CAMLOC RECEPTACLE		
	2	2	42	601.3005	CAMLOC RETAINER		
	2	2	43	601.3004	CAMLOC STUD		
	12	12	44	600.0795	NUTPLATE	MS21047-3	
	2	2	45	601.2823	BOLT	AN3-4A	
4		4	46	601.2826	BOLT	AN3-11A	
	1	1	47	601.1324	BOLT	AN4CH6A	
4		4	48	601.2669	BOLT	AN4C7A	
4		4	49	601.1500	BOLT	NAS6603-12	
4		4	50	601.3130	BOLT	NAS6603-16	
4		4	51	601.3002	BOLT	NAS6604-66	
6	1	7	52	601.2973	LOCKNUT	MS21042-08	
4	30	34	53	601.2943	LOCKNUT	MS21042-3	
8		8	54	601.3209	LOCKNUT	MS21042L4	
4		4	55	601.3128	NUT	AN316C4R	
	18	18	56	647.8510	INSERT		
	4	4	57	647.8511	INSERT		
	2	2	58	647.8512	INSERT		
	4	4	59	601.3127	LOCKNUT	MS21042L5	
	1	1	60	601.2525	SCREW	MS27039-0807	
4		4	61	601.2988	SCREW	MS27039-0813	
2		2	62	601.3137	SCREW	MS27039-816	
	3	3	63	601.2198	SCREW	MS27039-1-07	
	12	12	64	601.3069	SCREW	MS27039-1-09	
	6	6	65	601.1365	SCREW	MS27039-1-10	
	2	2	66	601.1953	SCREW	MS27039-1-12	



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7303	7302	7301	FIND #	PART #	DESCRIPTION	MATERIAL	SPEC
	4	4	67	601.1622	SCREW	MS27039-1-14	
	1	1	68	601.3012	SCREW	MS27039-1-15	
	4	4	69	601.2637	SCREW	MS27039-1-16	
	2	2	70	601.1954	SCREW	MS27039-1-17	
	6	6	71	601.2829	SCREW	MS24694S54	
	3	3	72	601.2999	SCREW		
	24	24	73	601.2207	NUTPLATE RIVET	CCR264SS-3-03	
	4	4	74	601.1983	NUTPLATE RIVET	CCR274SS-3-03	
	4	4	75	601.1604	CHERRY RIVET	CR3213-4-2	
	24	24	76	601.0790	CHERRY RIVET	CR3213-4-3	
	16	16	77	601.1915	CHERRY RIVET	CR3213-4-4	
	8	8	78	601.1183	CHERRY RIVET	CR3213-4-5	
	17	17	79	601.2991	CHERRY RIVET	CR3213-4-6	
	16	16	80	601.2020	CHERRY RIVET	CR3213-5-3	
	12	12	81	601.2481	CHERRY RIVET	CR3213-5-4	
	8	8	82	601.3216	CHERRY RIVET	CR3522-4-3	
	8	8	83	601.3215	CHERRY RIVET	CR3522-5-3	
	2	2	84	601.3136	CHERRY RIVET	CR3212-5-6	
12	2	14	85	601.2764	WASHER	NAS1149FN832P	
12	74	86	86	601.1607	WASHER	NAS1149F0332P	
8		8	87	601.3663	WASHER	NAS1149C0432R	
2	2	4	88	601.3126	WASHER	NAS1149F0532P	
	3	3	89	601.2375	WASHER		
	A/R	A/R	90	600.1012	SEALANT	PR-1425 CLASS B	
A/R		A/R	91	601.2045	RTV	LOCTITE 598	
	A/R	A/R	92	600.0991	MAGNOBOND 6398 PART B		
	A/R	A/R	93	600.0990	MAGNOBOND 6398 PART A		
	1	1	94	647.7919	SHIM		
8		8	95	601.1097	WASHER	NAS1149F0463P	
1		1	96	647.5701	GPS MOUNT KIT	FLAG NOTE 6	
			97	647.7823	CROSS BRACKET AFT		
			98	647.2114	UPPER U CHANNEL		
			99	647.1404	CUTTER ASSY (UPPER)		
			100	601.3962	SCREW	MS27039-0827	
			101	601.1541	LOCKNUT	MS21042L08	
	4	4	102	601.3212	CHERRY RIVET	CR3523-4-3	
	24	24	103	601.3213	CHERRY RIVET	CR3523-4-4	
	8	8	104	601.3214	CHERRY RIVET	CR3523-5-3	



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7303	7302	7301	FIND #	PART #	DESCRIPTION	MATERIAL	SPEC
			105	647.1702	SKID DEFLECTOR ASSY		
			106	601.3655	LOCK WASHER	LN9025-0820K	
			107	601.3654	BOLT	LN9037-08018	
			108	601.3963	BOLT	93635A212	
			109	601.2910	SCREW	MS27039-1-18	
			110	601.3902	EYE BOLT		
			111	647.1405	CUTTER ASSY (UPPER)		



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Table 19: T2/P2 Cable Cutters Kits

7306	7305	7304	FIND #	PART #	DESCRIPTION	MATERIAL	SPEC
			1	647.7401	UPPER CUTTER ASSY		
1		1	2	647.7501	LOWER CUTTER ASSY		
			3	647.1701	SKID DEFLECTOR ASSY		
	1	1	4	647.1601	WIPER DEFLECTOR ASSY, AFT		
	1	1	5	647.1610	WIPER DEFLECTOR, FWD		
	1	1	6	647.1913	TEE		
	1	1	7	647.1915	SUPPORT ANGLE		
	1	1	8	647.1814	GUSSET, LH		
	1	1	9	647.1815	GUSSET, RH		
2		2	10	647.7702	STRUT ASSY		
2		2	11	647.7701	STRUT ASSY		
	1	1	12	647.1818	NOSE DOOR SPACER		
	1	1	13	647.1810	NOSE DOOR DOUBLER		
4		4	14	647.0112	STRUT BRACKET		
	2	2	15	647.7910	ANGLE BACKET		
	2	2	16	647.7911	BRACKET		
	4	4	17	647.7912	CLIP		
	2	2	18	647.7913	DOUBLER		
	1	1	19	647.7914	BRACKET		
	1	1	20	647.7915	BRACKET		
	2	2	21	647.7916	BRACKET		
	1	1	22	647.7917	BRACKET		
	1	1	23	647.7918	BRACKET		
	1	1	24	647.7819	CROSS BRACKET FWD		
			25	647.7820	CROSS BRACKET AFT		
			26	647.7818	MOUNTING CHANNEL		
	1	1	27	647.7821	EYE BOLT FITTING LH		
	1	1	28	647.7822	EYE BOLT FITTING RH		
	1	1	29	647.1914	BRACKET		
	1	1	30	647.1602	DOUBLER ASSY		
	2	2	31	647.1811	SPACER		
	13	13	32	647.1812	SHIM		
			33	647.2510	SLEEVE		
			34	647.2511	NUT		
	1	1	35	647.3201	GROUNDING CABLE ASSY		



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7306	7305	7304	FIND #	PART #	DESCRIPTION	MATERIAL	SPEC
A/R	A/R	A/R	36	601.3011	P-SEAL		
1	1	1	37	601.3007	GROMMET	MS21266-2N	
			38	601.3121	EYE BOLT	AN44-5A	
2		2	39	601.3120	EYE BOLT	AN44-12A	
4		4	40	601.3119	CLEVIS		
	2	2	41	601.3006	CAMLOC RECEPTACLE		
	2	2	42	601.3005	CAMLOC RETAINER		
	2	2	43	601.3004	CAMLOC STUD		
	12	12	44	600.0795	NUTPLATE	MS21047-3	
	2	2	45	601.2823	BOLT	AN3-4A	
4		4	46	601.2826	BOLT	AN3-11A	
	1	1	47	601.1324	BOLT	AN4CH6A	
4		4	48	601.2669	BOLT	AN4C7A	
4		4	49	601.1500	BOLT	NAS6603-12	
4		4	50	601.3130	BOLT	NAS6603-16	
			51	601.3002	BOLT	NAS6604-66	
4	1	5	52	601.2973	LOCKNUT	MS21042-08	
4	31	35	53	601.2943	LOCKNUT	MS21042-3	
4		4	54	601.3209	LOCKNUT	MS21042L4	
4		4	55	601.3128	NUT	AN316C4R	
	20	20	56	647.8510	INSERT		
	4	4	57	647.8511	INSERT		
	2	2	58	647.8512	INSERT		
	4	4	59	601.3127	LOCKNUT	MS21042L5	
	1	1	60	601.2525	SCREW	MS27039-0807	
4		4	61	601.2988	SCREW	MS27039-0813	
			62	601.3137	SCREW	MS27039-816	
	3	3	63	601.2198	SCREW	MS27039-1-07	
	12	12	64	601.3069	SCREW	MS27039-1-09	
	6	6	65	601.1365	SCREW	MS27039-1-10	
	2	2	66	601.1953	SCREW	MS27039-1-12	
	4	4	67	601.1622	SCREW	MS27039-1-14	
	1	1	68	601.3012	SCREW	MS27039-1-15	
	4	4	69	601.2637	SCREW	MS27039-1-16	
	2	2	70	601.1954	SCREW	MS27039-1-17	
	5	5	71	601.2829	SCREW	MS24694S54	
	3	3	72	601.2999	SCREW		
	24	24	73	601.2207	NUTPLATE RIVET	CCR264SS-3-03	



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7306	7305	7304	FIND #	PART #	DESCRIPTION	MATERIAL	SPEC
	4	4	74	601.1983	NUTPLATE RIVET	CCR274SS-3-03	
	4	4	75	601.1604	CHERRY RIVET	CR3213-4-2	
	24	24	76	601.0790	CHERRY RIVET	CR3213-4-3	
	16	16	77	601.1915	CHERRY RIVET	CR3213-4-4	
	8	8	78	601.1183	CHERRY RIVET	CR3213-4-5	
	17	17	79	601.2991	CHERRY RIVET	CR3213-4-6	
	16	16	80	601.2020	CHERRY RIVET	CR3213-5-3	
	12	12	81	601.2481	CHERRY RIVET	CR3213-5-4	
	8	8	82	601.3216	CHERRY RIVET	CR3522-4-3	
	8	8	83	601.3215	CHERRY RIVET	CR3522-5-3	
	2	2	84	601.3136	CHERRY RIVET	CR3212-5-6	
23	2	25	85	601.2764	WASHER	NAS1149FN832P	
8	81	89	86	601.1607	WASHER	NAS1149F0332P	
12		12	87	601.3663	WASHER	NAS1149C0432R	
2	2	4	88	601.3126	WASHER	NAS1149F0532P	
	3	3	89	601.2375	WASHER		
A/R	A/R	A/R	90	600.1012	SEALANT	PR-1425 CLASS B	
A/R		A/R	91	601.2045	RTV	LOCTITE 598	
	A/R	A/R	92	600.0991	MAGNOBOND 6398 PART B		
	A/R	A/R	93	600.0990	MAGNOBOND 6398 PART A		
			94	647.7919	SHIM		
			95	601.1097	WASHER	NAS1149F0463P	
1		1	96	647.5701	GPS MOUNT KIT	FLAG NOTE 6	
	1	1	97	647.7823	CROSS BRACKET AFT		
	1	1	98	647.2114	UPPER U CHANNEL		
1		1	99	647.1404	CUTTER ASSY (UPPER)		
5		5	100	601.3962	SCREW	MS27039-0827	
5		5	101	601.1541	LOCKNUT	MS21042L08	
	4	4	102	601.3212	CHERRY RIVET	CR3523-4-3	
	24	24	103	601.3213	CHERRY RIVET	CR3523-4-4	
	8	8	104	601.3214	CHERRY RIVET	CR3523-5-3	
2		2	105	647.1702	SKID DEFLECTOR ASSY		
8		8	106	601.3655	LOCK WASHER	LN9025-0820K	
8		8	107	601.3654	BOLT	LN9037-08018	
4		4	108	601.3963	BOLT	93635A212	
	2	2	109	601.2910	SCREW	MS27039-1-18	
2		2	110	601.3902	EYE BOLT		
			111	647.1405	CUTTER ASSY (UPPER)		



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Table 20: T3/P3 Cable Cutters Kits

7308	7305	7307	FIND #	PART #	DESCRIPTION	MATERIAL	SPEC
			1	647.7401	UPPER CUTTER ASSY		
1		1	2	647.7501	LOWER CUTTER ASSY		
			3	647.1701	SKID DEFLECTOR ASSY		
	1	1	4	647.1601	WIPER DEFLECTOR ASSY, AFT		
	1	1	5	647.1610	WIPER DEFLECTOR, FWD		
	1	1	6	647.1913	TEE		
	1	1	7	647.1915	SUPPORT ANGLE		
	1	1	8	647.1814	GUSSET, LH		
	1	1	9	647.1815	GUSSET, RH		
2		2	10	647.7702	STRUT ASSY		
2		2	11	647.7701	STRUT ASSY		
	1	1	12	647.1818	NOSE DOOR SPACER		
	1	1	13	647.1810	NOSE DOOR DOUBLER		
4		4	14	647.0112	STRUT BRACKET		
	2	2	15	647.7910	ANGLE BACKET		
	2	2	16	647.7911	BRACKET		
	4	4	17	647.7912	CLIP		
	2	2	18	647.7913	DOUBLER		
	1	1	19	647.7914	BRACKET		
	1	1	20	647.7915	BRACKET		
	2	2	21	647.7916	BRACKET		
	1	1	22	647.7917	BRACKET		
	1	1	23	647.7918	BRACKET		
	1	1	24	647.7819	CROSS BRACKET FWD		
			25	647.7820	CROSS BRACKET AFT		
			26	647.7818	MOUNTING CHANNEL		
	1	1	27	647.7821	EYE BOLT FITTING LH		
	1	1	28	647.7822	EYE BOLT FITTING RH		
	1	1	29	647.1914	BRACKET		
	1	1	30	647.1602	DOUBLER ASSY		
	2	2	31	647.1811	SPACER		
	13	13	32	647.1812	SHIM		
			33	647.2510	SLEEVE		
			34	647.2511	NUT		
	1	1	35	647.3201	GROUNDING CABLE ASSY		
A/R	A/R	A/R	36	601.3011	P-SEAL		



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7308	7305	7307	FIND #	PART #	DESCRIPTION	MATERIAL	SPEC
1	1	1	37	601.3007	GROMMET	MS21266-2N	
			38	601.3121	EYE BOLT	AN44-5A	
2		2	39	601.3120	EYE BOLT	AN44-12A	
4		4	40	601.3119	CLEVIS		
	2	2	41	601.3006	CAMLOC RECEPTACLE		
	2	2	42	601.3005	CAMLOC RETAINER		
	2	2	43	601.3004	CAMLOC STUD		
	12	12	44	600.0795	NUTPLATE	MS21047-3	
	2	2	45	601.2823	BOLT	AN3-4A	
4		4	46	601.2826	BOLT	AN3-11A	
	1	1	47	601.1324	BOLT	AN4CH6A	
4		4	48	601.2669	BOLT	AN4C7A	
4		4	49	601.1500	BOLT	NAS6603-12	
4		4	50	601.3130	BOLT	NAS6603-16	
			51	601.3002	BOLT	NAS6604-66	
4	1	5	52	601.2973	LOCKNUT	MS21042-08	
4	31	35	53	601.2943	LOCKNUT	MS21042-3	
4		4	54	601.3209	LOCKNUT	MS21042L4	
4		4	55	601.3128	NUT	AN316C4R	
	20	20	56	647.8510	INSERT		
	4	4	57	647.8511	INSERT		
	2	2	58	647.8512	INSERT		
	4	4	59	601.3127	LOCKNUT	MS21042L5	
	1	1	60	601.2525	SCREW	MS27039-0807	
4		4	61	601.2988	SCREW	MS27039-0813	
			62	601.3137	SCREW	MS27039-816	
	3	3	63	601.2198	SCREW	MS27039-1-07	
	12	12	64	601.3069	SCREW	MS27039-1-09	
	6	6	65	601.1365	SCREW	MS27039-1-10	
	2	2	66	601.1953	SCREW	MS27039-1-12	
	4	4	67	601.1622	SCREW	MS27039-1-14	
	1	1	68	601.3012	SCREW	MS27039-1-15	
	4	4	69	601.2637	SCREW	MS27039-1-16	
	2	2	70	601.1954	SCREW	MS27039-1-17	
	5	5	71	601.2829	SCREW	MS24694S54	
	3	3	72	601.2999	SCREW		
	24	24	73	601.2207	NUTPLATE RIVET	CCR264SS-3-03	
	4	4	74	601.1983	NUTPLATE RIVET	CCR274SS-3-03	



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7308	7305	7307	FIND #	PART #	DESCRIPTION	MATERIAL	SPEC
	4	4	75	601.1604	CHERRY RIVET	CR3213-4-2	
	24	24	76	601.0790	CHERRY RIVET	CR3213-4-3	
	16	16	77	601.1915	CHERRY RIVET	CR3213-4-4	
	8	8	78	601.1183	CHERRY RIVET	CR3213-4-5	
	17	17	79	601.2991	CHERRY RIVET	CR3213-4-6	
	16	16	80	601.2020	CHERRY RIVET	CR3213-5-3	
	12	12	81	601.2481	CHERRY RIVET	CR3213-5-4	
	8	8	82	601.3216	CHERRY RIVET	CR3522-4-3	
	8	8	83	601.3215	CHERRY RIVET	CR3522-5-3	
	2	2	84	601.3136	CHERRY RIVET	CR3212-5-6	
23	2	25	85	601.2764	WASHER	NAS1149FN832P	
8	81	89	86	601.1607	WASHER	NAS1149F0332P	
12		12	87	601.3663	WASHER	NAS1149C0432R	
2	2	4	88	601.3126	WASHER	NAS1149F0532P	
	3	3	89	601.2375	WASHER		
A/R	A/R	A/R	90	600.1012	SEALANT	PR-1425 CLASS B	
A/R		A/R	91	601.2045	RTV	LOCTITE 598	
	A/R	A/R	92	600.0991	MAGNOBOND 6398 PART B		
	A/R	A/R	93	600.0990	MAGNOBOND 6398 PART A		
			94	647.7919	SHIM		
			95	601.1097	WASHER	NAS1149F0463P	
1		1	96	647.5701	GPS MOUNT KIT	FLAG NOTE 6	
	1	1	97	647.7823	CROSS BRACKET AFT		
	1	1	98	647.2114	UPPER U CHANNEL		
			99	647.1404	CUTTER ASSY (UPPER)		
5		5	100	601.3962	SCREW	MS27039-0827	
5		5	101	601.1541	LOCKNUT	MS21042L08	
	4	4	102	601.3212	CHERRY RIVET	CR3523-4-3	
	24	24	103	601.3213	CHERRY RIVET	CR3523-4-4	
	8	8	104	601.3214	CHERRY RIVET	CR3523-5-3	
2		2	105	647.1702	SKID DEFLECTOR ASSY		
8		8	106	601.3655	LOCK WASHER	LN9025-0820K	
8		8	107	601.3654	BOLT	LN9037-08018	
4		4	108	601.3963	BOLT	93635A212	
	2	2	109	601.2910	SCREW	MS27039-1-18	
2		2	110	601.3902	EYE BOLT		
1		1	111	647.1405	CUTTER ASSY (UPPER)		